Entry and Sampling Objectives
St. John Methyl Bromide Response
March 23-28, 2015

Overall Objectives for Entry (Unit J Upper and Lower):

- **Preserve indoor air quality conditions:** minimize ventilation of the premises by limiting the number of entries until air samples can be obtained.
- Attempt to confirm presence of methyl bromide in the air of Building J Upper and Lower condominium units through air monitoring (field screening) and laboratory analysis (SUMMA canister sampling and charcoal tube sampling).
- Attempt to confirm presence of bromide ion on surfaces through wipe samples, via laboratory analysis, as a potential indicator of previous methyl bromide contamination in air.
- Conduct air sampling for pesticides in order to evaluate other potential contributing factors.
- Conduct wipe sampling for pesticides in order to evaluate other potential contributing factors.
- Identify possible pathways for the migration of methyl bromide between dwelling units.
- Document existing conditions of the dwelling units through the use of digital photography/video.
- Investigate potential other sources via conducting air monitoring and visual inspections.
- Collect water samples for VOCs/Bromide analysis per DPNR request.

Building J Upper and Lower Units

- Perform air screening via MultiRAE Pro to evaluate the presence of volatile organic compounds (VOC), carbon monoxide (CO), hydrogen sulfide (H_2S), lower explosive limit (LEL), oxygen (O_2), and Gamma radiation.
    - Screen ambient air quality at the floor and breathing zone throughout the living space.
    - Screen air behind the walls by removing utility plate covers and placing MultiRAE probe in wall spaces.
- Perform air sampling via SUMMA canisters (grab) in three indoor locations and one ambient air sample for VOC analysis (includes methyl bromide).
- Collect air samples for methyl bromide on charcoal tubes.
- Collect air samples for pesticides (three sampling locations).
- Conduct wipe samples on up to ten locations for bromide and pesticides for laboratory analysis.
- Collect water samples per DPNR request for VOC and bromide analysis.
- Perform documentation of existing conditions within J Upper Unit via digital video.
- Document activities conducted by the sampling teams.

Laboratories and Analytical Methods: Sampling and analytical methods utilized for this incident are provided in the attached Table 1.

- ALS, Simi Valley, California
- Katahdin Analytical, Scarborough, Maine
- SGS/Galson Laboratories, East Syracuse, New York
- Water Samples to be analyzed by laboratory and methods as specified by VIDPNR.